

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

| | | | |
|--|--|---|---|
| Applicant's or agent's file reference 227/04344 | FOR FURTHER ACTION | | see Form PCT/ISA/220 as well as, where applicable, Item 5 below. |
| International application No. PCT/IL2005/000038 | International filing date (day/month/year) 12/01/2005 | (Earliest) Priority Date (day/month/year) 13/01/2004 | |
| Applicant GLUCON INC. | | | |

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the International search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

The International search was carried out on the basis of a translation of the International application furnished to this Authority (Rule 23.1(b)).

b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. Certain claims were found unsearchable (See Box II).

3. Unity of invention is lacking (see Box III).

4. With regard to the title,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the abstract,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 39.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this International search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. 1B

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

b. none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IL2005/000038

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01N21/17

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, COMPENDEX, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| A | <p>BEARD P C ET AL: "EVALUATION OF AN OPTICAL FIBRE PROBE FOR IN VIVO MEASUREMENT OF THE PHOTOACOUSTIC RESPONSE OF TISSUES" PROCEEDINGS OF THE SPIE, SPIE, BELLINGHAM, VA, US, vol. 2388, 6 February 1995 (1995-02-06), pages 446-457, XP008029084 ISSN: 0277-786X page 447; figure 1</p> <p>-----</p> <p>-/-</p> | 1-23 |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *&* document member of the same patent family

Date of the actual completion of the International search

11 May 2005

Date of mailing of the international search report

20/05/2005

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/IL2005/000038

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| A | BEARD P C ET AL: "OPTICAL FIBER PHOTACOUSTIC-PHOTOTHERMAL PROBE" OPTICS LETTERS, OPTICAL SOCIETY OF AMERICA, WASHINGTON, US, vol. 23, no. 15, 1 August 1998 (1998-08-01), pages 1235-1237, XP000783073 ISSN: 0146-9592 cited in the application figure 1 | 1-23 |
| A | US 2003/010898 A1 (MACKENZIE HUGH ALEXANDER ET AL) 16 January 2003 (2003-01-16) paragraph '0079!; figure 7 | 1-23 |
| A | EP 0 478 410 A (THE DOW CHEMICAL COMPANY) 1 April 1992 (1992-04-01) claim 1; figures 1,4 | 1-23 |
| A | WO 98/03852 A (OPTEL INSTRUMENTS LIMITED; MACKENZIE, HUGH, ALEXANDER; FREEBORN, SCOTT) 29 January 1998 (1998-01-29) pages 6-8; figures 1-3 | 1-23 |
| A | POULET P ET AL: "IN VIVO CUTANEOUS SPECTROSCOPY BY PHOTACOUSTIC DETECTION" MEDICAL AND BIOLOGICAL ENGINEERING AND COMPUTING, PETER PEREGRINUS, STEVENAGE, GB, vol. 39, no. 635, 1 November 1985 (1985-11-01), pages 585-588, XP000647347 ISSN: 0140-0118 paragraph '0003!; figure 2 | 1-23 |
| A | US 2003/167002 A1 (NAGAR RON ET AL) 4 September 2003 (2003-09-04) cited in the application the whole document | 1-23 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IL2005/000038

| Patent document cited in search report | | Publication date | | Patent family member(s) | | Publication date |
|--|----|------------------|--|--|--|--|
| US 2003010898 | A1 | 16-01-2003 | AU CA EP GB GB GB WO GB JP US | 6407998 A 2282855 A1 0967913 A1 2357844 A 2357845 A ,B 2357846 A ,B 9838904 A1 2322941 A ,B 2001526557 T 6403944 B1 | | 22-09-1998 11-09-1998 05-01-2000 04-07-2001 04-07-2001 04-07-2001 11-09-1998 09-09-1998 18-12-2001 11-06-2002 |
| EP 0478410 | A | 01-04-1992 | US CA DE DE EP JP | 5125749 A 2051713 A1 69111544 D1 69111544 T2 0478410 A1 4264236 A | | 30-06-1992 25-03-1992 31-08-1995 18-01-1996 01-04-1992 21-09-1992 |
| WO 9803852 | A | 29-01-1998 | AU WO GB | 3550297 A 9803852 A1 2330656 A ,B | | 10-02-1998 29-01-1998 28-04-1999 |
| US 2003167002 | A1 | 04-09-2003 | AU EP WO JP US | 8006601 A 1313396 A1 0215776 A1 2004506467 T 2005085725 A1 | | 04-03-2002 28-05-2003 28-02-2002 04-03-2004 21-04-2005 |